

IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA

11 3COM CORP., No C 03-2177 VRW
12 Plaintiff, ORDER
13
14 v
15 D-LINK SYSTEMS, INC.,
16 Defendant,
17 _____
18
19 REALTEK SEMICONDUCTOR CORP.,
20 Intervenor.
21 _____/
22
23 Plaintiff 3Com Corporation (3Com) brought this suit
24 alleging that two products of defendant D-Link Systems, Inc (D-
25 Link) infringe three of 3Com's patents: United States patents
26 5,434,872, 5,732,094 and 5,307,459. Doc #1, ¶10. Realtek
27 Semiconductor Corporation (Realtek) later intervened. Doc #108.
28 3Com also alleges that Realtek infringes seven 3Com patents

1 including the patents asserted against D-Link as well as United
2 States patents 6,115,776, 6,327,625, 6,526,446 and 6,570,884. Docs
3 ##108, 120. United States patent 6,115,776 was subsequently
4 dropped from this case. 3Com and D-Link have since settled claims
5 in this action, leaving Realtek as the sole defendant. Doc #108.
6 D-Link remains a party to the 05-0098 case.

7 Here, the court addresses four discovery disputes between
8 3Com and Realtek raised by 3Com in its letter brief of February 15,
9 2007. Doc #378.

10
11 I

12 Every patent in this litigation relates to network
13 interface technology, which facilitates the transfer of data
14 between a host device (such as a personal computer) and a network.
15 Data transferred between the host and a network must first be
16 formatted into data "packets" or "frames," which are bits of data
17 that have been packaged for transmission according to standardized
18 network protocols. Network interface devices that are the subject
19 of the patents contain buffer memory for temporarily storing
20 packets that are being received from the host and transmitted to a
21 network (or vice versa). Realtek designs chips which are used in
22 certain network interface cards. As the court writes principally
23 for the parties, it will not further discuss the details of the
24 inventions.

25 As a preliminary matter, Realtek's position in a previous
26 motion was that only five products (the products accused in the
27 January 14, 2005 PICs) were properly in the case and that the court
28 should strike 3Com's amended PICs, which accuse new products. Doc

1 #295. The court has since denied Realtek's motion to strike. Doc
2 #390. In several of the disputes below, Realtek has not produced
3 information related to - or its Rule 30(b)(6) witnesses were not
4 prepared to testify about - all the products accused in the amended
5 PICs. Accordingly, to the extent that Realtek has not produced the
6 requested information for all accused products, and instead limited
7 its production to the five products originally accused, the court
8 ORDERS Realtek to produce information for the additional products.

9

10 II

11 The court visits the remaining issues in turn. First,
12 3Com asserts that Realtek has not produced all versions of the
13 relevant source code. Doc #378 at 1-3. Second, 3Com asserts that
14 Realtek has not produced technical information related to the
15 internal design of Realtek's chips. Id at 3-4. Third, 3Com seeks
16 Realtek's financial information in a more detailed form than
17 Realtek has thus far provided. Id at 4-8. Fourth, 3Com complains
18 that Realtek's 30(b)(6) witnesses were inadequate and seeks
19 sanctions. Id at 8-10. Realtek opposes 3Com's requests. Doc
20 #383.

21 Relevancy, for the purposes of discovery, is defined
22 broadly, although it is not without "ultimate and necessary
23 boundaries." Hickman v Taylor, 329 US 495, 507 (1947). "Once an
24 objection to the relevance of the information sought is raised, the
25 burden shifts to the party seeking the information to demonstrate
26 that the requests are relevant to the subject matter involved in
27 the pending action." Allen v Howmedica Leibinger, Inc, 190 FRD
28 518, 522 (WD Tenn 1999), citing Andritz Sprout- Bauer, Inc v Beazer

1 East, Inc., 174 FRD 609, 631 (MD Pa 1997). Appropriate discovery
2 includes, of course, inspection of "any designated documents * * *
3 which are in the possession, custody or control of the party upon
4 whom the request is served." See FRCP 34(a)(1). With these basic
5 and well-known tenets in mind, the court addresses 3Com's specific
6 discovery requests.

A

Source Code

On February 14, 2006, the undersigned ordered Realtek to produce source code for the Realtek products at issue. Doc #320. Realtek produced several versions of source code shortly thereafter. Docs ##378, 383. During the week of February 20, 2006, 3Com deposed Realtek's Rule 30(b)(6) witnesses. One such witness stated that the source code produced was current code, which may have been modified within the preceding three weeks. Doc #378 Ex A at 55-59. Further, the witness could not explain what modifications were made and could not explain the differences between the produced codes and earlier, unproduced versions. Id. After the Rule 30(b)(6) deposition, Realtek produced additional code.

Realtek maintains that it "has now produced all the versions it maintains." Doc #383 at 1. 3Com contends it "has good reason to believe that at least some versions of the source code have not yet been produced." Doc #378 at 3. According to 3Com, there were many versions of generation 3.xx produced, but there were no versions (or very limited versions) of generations 4.xx, 5.xx and 6.xx. Doc #378 at 3. Realtek does not contest this;

1 rather Realtek merely states "[t]here can be many explanations for
2 skipping a number when multiple versions of the code are created."
3 Doc #383 at 1. Realtek stops there, however, and does not offer
4 any "explanations." Given the many version numbers in one
5 generation of code, the near absence of all other versions of code
6 and lack of explanation by Realtek, the court agrees that 3Com is
7 entitled to the code to the extent it exists or, alternatively, is
8 entitled to an explanation.

9 Accordingly, the court ORDERS Realtek to produce all
10 missing versions of the source code that it maintains. If Realtek
11 cannot produce additional versions, the court ORDERS Realtek to
12 declare so by way of a statement under penalty of perjury of both a
13 Realtek officer, director or managing agent and its counsel at bar.
14 This admission must identify the versions of the source code that
15 may have once existed and must explain their disappearance.

16
17 B

18 Technical Information

19 3Com requests that Realtek produce technical information
20 related to the internal design and operation of the accused
21 products. Doc #378 at 4. 3Com seeks the technical information
22 because the court's claim construction further defined physical
23 design elements of an infringing product. See Doc #375. Realtek
24 responds that the "netlist codes" already produced identify all
25 components in the accused products and therefore, it argues, it
26 should not be required to produce the additional technical
27 information. Doc #383 at 1-2.

Parties may not meet their obligations by pointing out
that the portion of materials thus far produced obviates the need
for production of the remaining items in the requested category.
See FRCP 34(a)(1) (requiring production of "any [relevant]
documents" designated by discovering party); Buycks-Roberson v
Citibank Fed Sav Bank, 162 FRD 338, 341-42 (ND Ill 1995). Here,
Realtek does not dispute the fundamental relevance of the VHDL
code, "netlist codes" and the related technical information
detailing the internal design and operation of the accused chips.
Accordingly, Realtek's argument that partial production
demonstrates irrelevance of further production misses the mark.

If Realtek sought to avoid what it considered to be an unreasonable burden, it could have applied for leave to file a motion for protective order under FRCP 26(c). Instead, Realtek apparently decided it would be okay to produce just a subset of all the relevant documents and code. 3Com should not have to rely on Realtek's selective representations to determine the physical location of design elements as required by the patents-in-suit.

19 Accordingly, the court ORDERS Realtek to produce VHDL
20 code, "netlist codes" and the related technical information
21 detailing the internal design and operation of the accused chips.

23 ||

Financial Information

25 3Com seeks discovery on financial information, namely
26 worldwide sales and profits, for all versions of all accused
27 products from 1994 to present. Doc #378 at 4. Realtek contends
28 that 3Com is not entitled to worldwide sales and profits, that 3Com

1 is not entitled to any financial information from before the
2 statutory period for damages and that Realtek does not maintain the
3 specific records that 3Com requests. Doc #383 at 2.

4 Without saying as much, Realtek is essentially arguing
5 that worldwide sales and profits are not relevant. The court
6 disagrees.

7 First, Realtek's worldwide sales are reasonably
8 calculated to lead to the discovery of admissible evidence because
9 the worldwide sales relate to 3Com's claim of direct infringement.
10 The court agrees with 3Com that it is entitled to information
11 concerning Realtek's customers and sales to determine the extent to
12 which those customers sold the accused products into the United
13 States.

14 Second, Realtek's worldwide sales are reasonably
15 calculated to lead to the discovery of relevant evidence because
16 the worldwide sales relate to 3Com's claim of inducing
17 infringement. 3Com is not required to prove its inducing
18 infringement theory to be entitled to discovery of such
19 information. See Murata Mfg Co, Ltd v Bel Fuse, Inc, 422 F Supp 2d
20 934, 944-46 (ND Ill 2006).

21 Third, worldwide profits and sales are relevant to a
22 reasonable royalty calculation. See Bose Corp v JBL, Inc, 112 F
23 Supp 2d 138, 168 n 20 (D Mass 2000). For example, the worldwide
24 profit margin may be indicative of a ceiling amount for a
25 reasonable royalty. Worldwide sales and profits are also relevant
26 to Realtek's financial condition generally.

27 Fourth, worldwide sales and profits are relevant to the
28 affirmative defense of obviousness. That is, the greater the

1 commercial success worldwide, the more likely the patent is not
2 obvious. Realtek argues that "[e]ven if the worldwide sales were
3 tangentially relevant to the issue of obviousness * * *, 3Com would
4 have to prove that any sales of Realtek's products are attributable
5 to the inventions in the patents-in-suit." Doc #383 at 2. Realtek
6 does not address the relevance of worldwide sales and profits.
7 Rather, Realtek merely states 3Com would have to show a nexus
8 between the commercial success and the invention to rebut a prima
9 facie showing of obviousness by Realtek. The court finds Realtek's
10 argument unpersuasive. The existence of one element (i.e., the
11 nexus between commercial success and the invention in patent-in-
12 suit) does nothing to narrow the scope of discovery on an entirely
13 separate element (i.e., whether the product embodying the invention
14 enjoyed commercial success).

15 For at least these reasons, 3Com's request for worldwide
16 sales and profits is within the broad scope of discovery.

17 Regarding the time period of discoverable financial
18 information, as discussed above, worldwide sales and profits
19 generally may be relevant to direct infringement, inducing
20 infringement, determining a reasonable royalty and rebutting a
21 prima facie showing of obviousness. Similarly, worldwide sales and
22 profits before 1998 are reasonably calculated to lead to the
23 discovery of relevant evidence. For example here, worldwide sales
24 and profits before the statutory damages period may be relevant to
25 Realtek's assertion that it sold accused products bound for the
26 United States to a single agent/distributor over a nearly ten year
27 period. Further, the amount of sales and profits before the
28 statutory damages period may be relevant to showing D-Link's intent

1 under an active inducement theory. Finally, discovery of a
2 defendant's financial situation may facilitate settlement of the
3 action, which is one of the purposes behind the broad federal
4 discovery rules. Oakes v Halvorsen Marine Ltd, 179 FRD 281, 286
5 (CD Cal 1998). Accordingly, D-Link cannot dispose of its discovery
6 obligations on its own by unilaterally calculating the time period
7 to which it believes plaintiff is entitled to recover damages.
8 3Com may discover all information regarding defendant's worldwide
9 sales and profits to determine the potential scope of damages and
10 viable infringement theories.

11 Having determined that all worldwide sales and profits of
12 all the accused products are within the scope of discovery, the
13 court must examine Realtek's present ability to produce this
14 information. Realtek claims that it has produced the "best
15 information" it has on which equipment manufacturers ultimately buy
16 the accused products from the agents and distributors. Doc #383 at
17 2. Realtek sells to agents and distributors, and it asserts that
18 it does not know with certainty how many chips bought by these
19 agents and distributors are sold or to whom it sold them. *Id.*

20 The excerpted transcript of the Tseng depositions (Doc
21 #378 Exs C, F) indicates that there is a database system that
22 Realtek has maintained since 1999. That database contains
23 information such as worldwide sales by product and profits by
24 product. Realtek does not reconcile the Tseng deposition with its
25 statement "Realtek does not calculate [worldwide sales totals for
26 each accused product]." Doc #383 at 2. For the reasons discussed
27 above, worldwide sales and profits are within the scope of
28 discovery and 3Com is entitled to such information.

1 Additionally, while Realtek mentions in passing that
2 producing such financial information would be "unduly burdensome,"
3 it does not substantiate its claim. In light of the relevance of
4 the materials 3Com seeks, the court is not convinced that the
5 requests are unduly burdensome. The relevance of 3Com's discovery
6 requests outweighs the burden on the defendant.

Accordingly, the court ORDERS Realtek to produce the worldwide sales and profits for each accused product from 1994 to present. For any otherwise discoverable financial information that Realtek does not possess, Realtek is ordered to identify this information by way of formal admission under penalty of perjury, including an explanation why it is unable to produce such information.

P

Additional 30(b)(6) Depositions

17 It is necessary to conduct additional and continued Rule
18 30(b)(6) depositions for at least the following reasons. First,
19 the court has now clarified which accused products are properly in
20 this suit. Realtek must produce Rule 30(b)(6) witnesses to testify
21 on all the accused products. Second, Realtek's designee on
22 financial issues was unprepared to testify about Realtek's
23 worldwide sales and profits. Because the court finds this
24 information discoverable, Realtek must produce a designee to
25 testify on these related topics as outlined above.

26 Third, at the time of the Rule 30(b)(6) depositions,
27 Realtek had not yet produced all versions of the source code that
28 it maintained for the accused products. For this reason alone, the

1 court finds it appropriate to order continued examination of
2 Realtek's software designee. On continued deposition, while
3 Realtek's software designee need not compare and contrast each and
4 every version of the source code, he or she must be prepared to
5 explain significant changes or modifications in the source code
6 that occurred. This will obviously require reviewing, and being
7 informed about, more than the most recent version of the code.
8 Similarly, the hardware and design designee should be prepared to
9 address significant changes in the hardware and design throughout
10 the product development process for all accused products.

11 For the reasons stated above, the court ORDERS Realtek to
12 produce Rule 30(b)(6) designees to be deposed on all accused
13 products, financial information that the court above deems
14 discoverable and modifications to the source code and accused
15 products' design.

16 3Com also seeks sanctions against Realtek in the amount
17 of reimbursement for the costs and expenses 3Com incurred in
18 sending its counsel and support personnel to Taiwan to depose
19 Realtek's Rule 30(b)(6) witnesses. Doc #378 at 10. 3Com contends
20 that Realtek's three Rule 30(b)(6) witnesses were "woefully
21 unprepared" even for the five products Realtek contended were
22 properly in the case. Doc #378 at 8. 3Com requests that the court
23 order Realtek to produce these three witnesses for continued
24 examination. Further, 3Com asks the court to order these
25 depositions take place in the United States.

26 A court's decision to impose sanctions and the choice of
27 an appropriate sanction are discretionary. See Nat'l Hockey League
28 v Metropolitan Hockey Club, 427 US 639, 642 (1976). The court

1 cannot conclude that Realtek has acted willfully or in bad faith.
2 Realtek may very well have erroneously believed that it had acted
3 properly. In addition, there is no doubt that Realtek has expended
4 significant effort in complying with its discovery obligation,
5 which perhaps explains its refusal to do more at this point.
6 Accordingly, the court finds that the sanctions sought by 3Com are
7 unwarranted at this juncture.

8 The court does find, however, that it would be
9 inappropriate to force 3Com to incur these costs again and ORDERS
10 Realtek to produce its Rule 30(b)(6) witnesses for continued
11 deposition in the United States. Realtek presumably is now mindful
12 of its legal responsibilities and self-interest in discharging its
13 discovery obligations even at the risk of inconvenience to its
14 employees. 3Com's request for sanctions is DENIED.

15
16 III

17 In sum, to the extent Realtek only produced the
18 information related to the five products originally accused and did
19 not produce information related to all products accused in the
20 amended preliminary infringement contentions, the court ORDERS
21 Realtek to produce such information for all products presently in
22 this case. The court additionally ORDERS Realtek to produce: (1)
23 all versions of missing source code for all accused products; (2)
24 VHDL, "netlist codes" and related technical information detailing
25 the internal design and operation of the accused chips; (3)
26 financial information, including worldwide sales and profits, from
27 the period 1994 to present; and (4) Rule 30(b)(6) witnesses to
28 testify on the subjects outlined above and continued examination of

1 the original Rule 30(b)(6) witnesses, such depositions to occur in
2 the United States. Finally, the court DENIES 3Com's request for
3 sanctions.

4

5 IT IS SO ORDERED.

6



7

8 VAUGHN R WALKER

9

United States District Chief Judge

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28